

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6610219".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:15
L2	1	1 and march	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:30
L3	55301	((phenylene paraphenylene) near diamine) paraphenylenediamine phenylenediamine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:31
L4	50	3 near ketone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:35
L5	0	4 same ketimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:31
L6	1	4 same (imine ketimine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:23
L7	2381	3 same ketone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:35
L8	0	7 and 570/113.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:22
L9	49	4 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:53

L10	81	7 same (fluoro perfluoro fluorine fluorinated perfluorinated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:43
L11	2	4 and (imine ketimine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 07:52
L12	77	10 not (6 9 11)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:24
L13	22	(ketimine imine) near (fluoro perfluoro fluorine fluorinated perfluorinated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:05
L14	1	1995-326797.NRAN.	DERWENT	OR	ON	2005/05/16 08:10
L15	1	("3392199").URPN.	USPAT	OR	ON	2005/05/16 08:13
L16	13	((("4198349") or ("4323675") or ("4666819") or ("5064264") or ("5120876") or ("5521271") or ("5776374") or ("5783120") or ("6001958") or ("6067186") or ("6084702") or ("6348992") or ("6393190"))).PN.	USPAT	OR	OFF	2005/05/16 08:14
L17	1	3 and 570/113.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:22
L18	169	7 same (imine ketimine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:23
L19	166	18 not (6 9 10 11)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:40
L20	15	(methylheptafluoropropyl near ketone) (perfluoro near heptanone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 09:06

L21	3	3 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:41
L22	4754	(methypropyl near ketone) heptanone methylpropylketone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:43
L23	187	22 same (fluoro perfluoro fluorine fluorinated perfluorinated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:44
L24	3	3 same 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:44
L25	8	3 and 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:44
L26	5	25 not 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/16 08:44

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal712jxr

PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

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- NEWS 2 "Ask CAS" for self-help around the clock
- NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
- NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC
- NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
- NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
- NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
- NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
- NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
- NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
- NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
- NEWS 12 MAR 22 PATDPASPC - New patent database available
- NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
- NEWS 14 APR 04 EPFULL enhanced with additional patent information and new fields
- NEWS 15 APR 04 EMBASE - Database reloaded and enhanced
- NEWS 16 APR 18 New CAS Information Use Policies available online
- NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs), based on application date in CA/Caplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
- NEWS 18 APR 28 Improved searching of U.S. Patent Classifications for U.S. patent records in CA/Caplus
- NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
- NEWS HOURS STN Operating Hours Plus Help Desk Availability
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- NEWS LOGIN Welcome Banner and News Items
- NEWS PHONE Direct Dial and Telecommunication Network Access to STN
- NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 07:24:09 ON 16 MAY 2005

=> file registry		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'REGISTRY' ENTERED AT 07:25:02 ON 16 MAY 2005  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4  
DICTIONARY FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

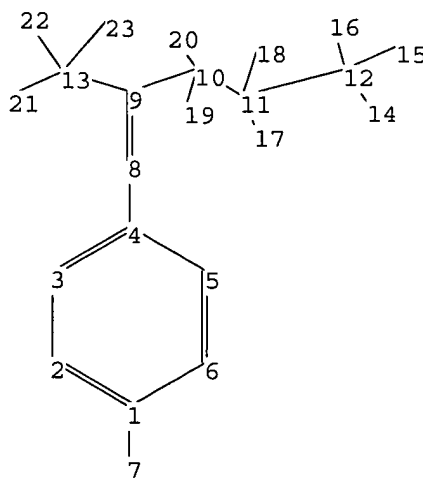
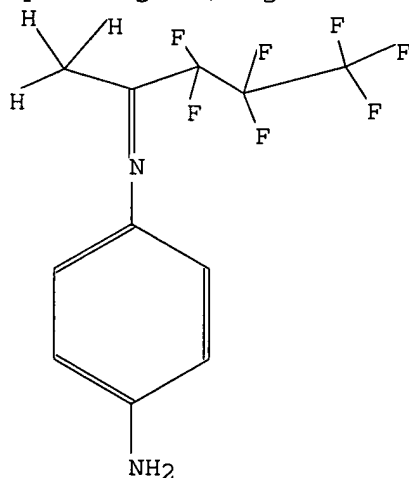
\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10600901a.str



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

ring nodes :

1 2 3 4 5 6

chain bonds :

1-7 4-8 8-9 9-10 9-13 10-11 10-19 10-20 11-12 11-17 11-18 12-14 12-15 12-16 13-21  
13-22 13-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-7 4-8 8-9

exact bonds :

9-10 9-13 10-11 10-19 10-20 11-12 11-17 11-18 12-14 12-15 12-16 13-21 13-22 13-23

normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6

Match level :

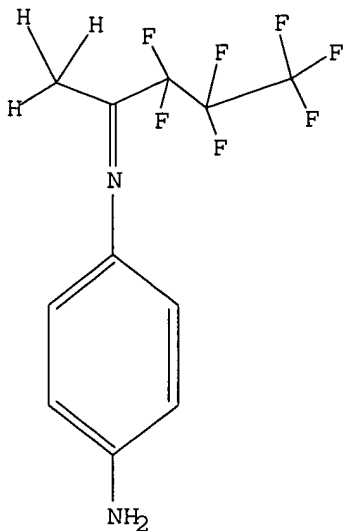
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS  
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS  
21:CLASS 22:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 exa sam

SAMPLE SEARCH INITIATED 07:25:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA EXA SAM L1

=> s l1 exa full

FULL SEARCH INITIATED 07:25:47 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L3 1 SEA EXA FUL L1

=> d l3 bib

'BIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN  
FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used  
SQD - Protein sequence data, includes RN  
SQD3 - Same as SQD, but 3-letter amino acid codes are used  
SQN - Protein sequence name information, includes RN  
  
CALC - Table of calculated properties  
EPROP - Table of experimental properties  
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data  
CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data  
IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
ENTER DISPLAY FORMAT (IDE):abs  
'ABS' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

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SAM - Index Name, MF, and structure - no RN  
FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used

SQD - Protein sequence data, includes RN  
 SQD3 - Same as SQD, but 3-letter amino acid codes are used  
 SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties  
 EPROP - Table of experimental properties  
 PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

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 BIB -- CA Accession Number, plus Bibliographic Data  
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 IPC -- International Patent Classification  
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IABS -- ABS, indented, with text labels  
 IBIB -- BIB, indented, with text labels  
 ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)  
 OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
 SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
 HELP FORMATS -- To see detailed descriptions of the predefined formats.  
 ENTER DISPLAY FORMAT (IDE):rn

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 454702-67-1 REGISTRY

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	55.74	56.16

FILE 'CAPLUS' ENTERED AT 07:26:38 ON 16 MAY 2005  
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This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s 13  
L4 1 L3

=> d 14 bib abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:676310 CAPLUS

DN 137:218033

TI Functional materials for use in optical systems, their production and  
chromophores therefor

IN Drotleff, Elizabeth; McGinniss, Vincent D.; Risser, Steven M.; Spahr,  
Kevin Bruce

PA Battelle Memorial Institute, USA

SO PCT Int. Appl., 232 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 7

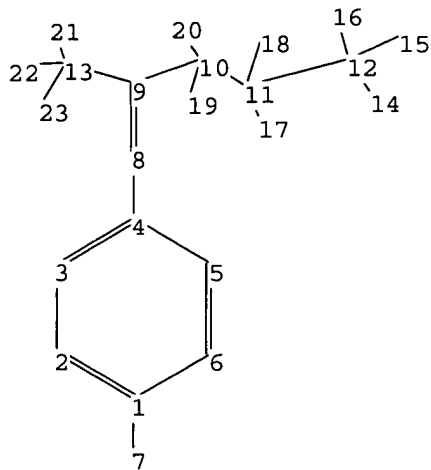
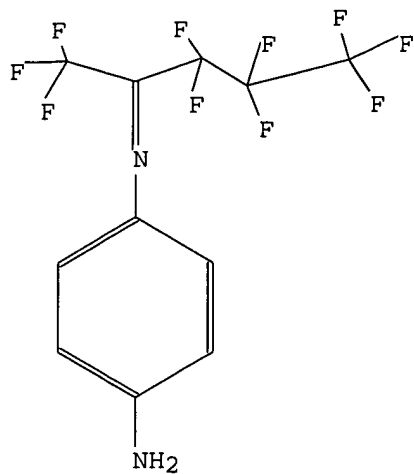
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002069002	A1	20020906	WO 2002-US3582	20020206
	W: AU, BR, CA, CN, CZ, ES, HU, ID, IL, JP, KR, MX, NO, NZ, PH, PL, RO, RU, SG, UA, US, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2002185633	A1	20021212	US 2001-777439	20010206
	US 6610219	B2	20030826		
	EP 1368679	A1	20031210	EP 2002-709386	20020206
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2001-777439	A	20010206		
	WO 2002-US3582	W	20020206		

OS MARPAT 137:218033

AB The present invention provides both polymer systems and optically active  
chromophores that may be used to form the components of optical devices  
such as optical switches and other devices useful in an optical waveguide.  
The polymers have glass transition temps. >100° and the systems  
have refractive index values of either 1.3-1.5 or 1.5-1.8 and have good  
compatibility with the electrooptical chromophores. In an example, an  
8:2:30:60 acrylonitrile-3-(methacryloyloxy)propyltrimethoxysilane-Me  
methacrylate-trifluoroethyl methacrylate copolymer was prepared and combined  
with a 4-fluoro-3-nitroaniline chromophore to provide a low refractive  
index material.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>  
Uploading C:\Program Files\Stnexp\Queries\10600901b.str



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

ring nodes :

1 2 3 4 5 6

chain bonds :

1-7 4-8 8-9 9-10 9-13 10-11 10-19 10-20 11-12 11-17 11-18 12-14 12-15 12-16 13-21  
13-22 13-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-7 4-8 8-9

exact bonds :

9-10 9-13 10-11 10-19 10-20 11-12 11-17 11-18 12-14 12-15 12-16 13-21 13-22 13-23

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

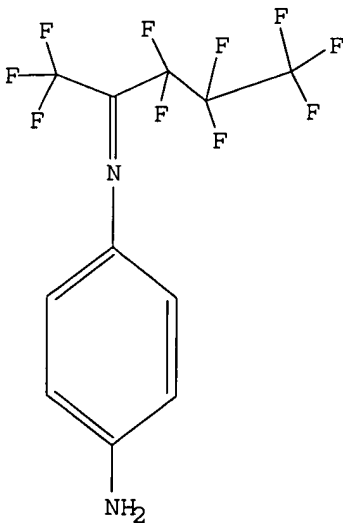
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS  
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS  
21:CLASS 22:CLASS 23:CLASS

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15 exa full

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 07:27:38 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

L6 1 SEA EXA FUL L5

L7 1 L6

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	114.84

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.73

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FILE COVERS 1907 - 16 May 2005 VOL 142 ISS 21  
FILE LAST UPDATED: 15 May 2005 (20050515/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17

L8 1 L6

=> d 18 bib abs

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:676310 CAPLUS  
DN 137:218033  
TI Functional materials for use in optical systems, their production and chromophores therefor  
IN Drotleff, Elizabeth; McGinniss, Vincent D.; Risser, Steven M.; Spahr,

Kevin Bruce  
PA Battelle Memorial Institute, USA  
SO PCT Int. Appl., 232 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002069002	A1	20020906	WO 2002-US3582	20020206
	W: AU, BR, CA, CN, CZ, ES, HU, ID, IL, JP, KR, MX, NO, NZ, PH, PL, RO, RU, SG, UA, US, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2002185633	A1	20021212	US 2001-777439	20010206
	US 6610219	B2	20030826		
	EP 1368679	A1	20031210	EP 2002-709386	20020206
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2001-777439	A	20010206		
	WO 2002-US3582	W	20020206		

OS MARPAT 137:218033

AB The present invention provides both polymer systems and optically active chromophores that may be used to form the components of optical devices such as optical switches and other devices useful in an optical waveguide. The polymers have glass transition temps. >100° and the systems have refractive index values of either 1.3-1.5 or 1.5-1.8 and have good compatibility with the electrooptical chromophores. In an example, an 8:2:30:60 acrylonitrile-3-(methacryloyloxy)propyltrimethoxysilane-Me methacrylate-trifluoroethyl methacrylate copolymer was prepared and combined with a 4-fluoro-3-nitroaniline chromophore to provide a low refractive index material.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.10	117.94
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-1.46

STN INTERNATIONAL LOGOFF AT 07:28:14 ON 16 MAY 2005